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UNITED STATES MARINE CORPS  
Marine Corps Base  
Camp Lejeune, North Carolina 28542-5001

IN REPLY REFER TO:  
6280/9  
FAC  
24 SEP 1986

From: Commanding General, Marine Corps Base, Camp Lejeune,  
North Carolina

Subj: ADDITIONAL MONITORING BY NAVY ASSESSMENT AND CONTROL OF  
INSTALLATION POLLUTANTS (NACIP) PROGRAM

Encl: (1) Executive Summary, Confirmation Study Work and Safety  
Plan, 24 Sep 1986

1. We are distributing the enclosure to keep you abreast of events taking place for the NACIP study. Also, an article on the project will appear in the Globe and local media coverage is expected.

2. Beginning the week of 29 September and extending for several weeks, contractor personnel will be working at several sites on MCB and MCAS. Sampling of groundwater wells, drilling of more wells, and a detailed survey of the Hadnot Point Industrial Area will be undertaken. Although there are no known human health or dangerous environmental hazards present, a policy of caution and thorough documentation is in effect.

3. As shown on the enclosed milestones, detailed reports will be developed in June, August, and September 1987. Those reports will undergo extensive review by Navy, Marine Corps, state and federal agencies to establish contaminant levels and begin cleanup where needed.

4. For more information, contact Mr. Bob Alexander, MCB Environmental Engineer, extension 3034.

*T. J. Dalzell*  
T. J. DALZELL

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EXECUTIVE SUMMARY

CONFIRMATION STUDY  
WORK AND SAFETY PLAN

Environmental Science and Engineering, Inc.  
LANTNAVFACENGCOCOM Contract 83-6106

under the  
NAVY ASSESSMENT AND CONTROL OF INSTALLATION POLLUTANTS (NACIP)  
PROGRAM

I. Confirmation Study Purposes

- Complete the Verification Step for 20 various sites at MCB.
  - This step determines whether suspected toxic materials are present in hazardous concentrations.
- Complete the Characterization Step and Feasibility Step for groundwater (GW) contamination in the Hadnot Point area.
  - Characterization Step locates source and quantifies extent of contamination, and defines GW flow rates and direction.
  - Feasibility Step evaluates and recommends GW cleanup/treatment measures.

II. Work Plan

- Onsite study: 29 Sept---3 Nov 86
  - Sampling all potable water supply wells basewide
  - Drill more shallow monitoring wells
  - Physical survey Hadnot Point area for VOC sources

- Milestones

Task	Date
Physical survey/soil gas study	3 Nov 86
Monit. wells installed-basewide	20 Oct 86
" " " -Hadnot Pt.	17 Nov 86
Potable well sampling complete	2 Feb 87
Verification Report complete	1 Jun 87
H Pt. Mon'g. wells compl., sampled	22 Jun 87
Characterization Step Report complete	10 Aug 87
Feasibility Step Report complete	15 Sep 87

III. Areas Affected

- Emphasis on Hadnot Point Industrial Area to locate sources of organic compounds, similar to solvents, in groundwater.
- Family Housing Area at MCAS, NR--residents will likely notice sampling/drilling crews.
- MCAS, NR Airfield Operations--clearance will be **CLW** coordinated with S-3 for access to Rapid Refuel Area in the center of the airfield to complete booms etc

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- Fuel Farms (Indus, Area, MCAS, Camp Geiger)--Contact with fuel farm operators will be made to avoid problems.
- Contractor personnel will check in with appropriate commanders or supervisory personnel prior to entering work areas.

#### IV. Command Interest

- Public Information--is being distributed thru a Globe article and info to the housing area residents.
- MCB/MCAS coordination on ESE field efforts--S-4 office kept informed of events.
- Utilities--BMAIN provides access to all 100 or so wells.

#### V. SUMMARY

This work will likely attract attention by the media and state and EPA, and will require a lot of support by Base personnel to complete.

With a contract cost of \$760k, this represents a huge effort by the Navy & Marine Corps to define past pollution problems and protect public health and the environment.

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25 SEP 1986

ROUTING SLIP

	ACTION	INFO	INITIAL
BMO			
ABMO		✓	
ADMIN		✓	<i>GA</i>
F&A		✓	<i>GA</i>
MAINT NCO			
M&R		✓	<i>FLC</i>
OPNS		✓	<i>MSZ</i>
PROP			
UMACS			
UTIL		✓	<i>GSJ</i>
SECRETARY			

COMMENTS:

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